

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/533,300
Source: Pg 110
Date Processed by STIC: 5/12/05

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PCT

RAW SEQUENCE LISTING

DATE: 05/12/2005

PATENT APPLICATION: US/10/533,300

TIME: 08:22:30

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\05122005\J533300.raw

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3 <110> APPLICANT: Meder, Wolfgang
4      Wendland, Martin
5      John, Harald
6      Richter, Rudolf
7      Meyer, Markus
8      Forssmann, Wolf-Georg
10 <120> TITLE OF INVENTION: Human Chondroosteomodulin (TIG2), Production, and Use for
the
11      Treatment or Diagnosis of Bone Diseases, Cartilage Diseases,
12      Obesity, Inflammatory Diseases, and Skin Diseases
14 <130> FILE REFERENCE: 2388.0010000/SRL/BLS
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/533,300
C--> 16 <141> CURRENT FILING DATE: 2005-04-29
16 <150> PRIOR APPLICATION NUMBER: PCT/EP03/11799
17 <151> PRIOR FILING DATE: 2003-10-24
19 <160> NUMBER OF SEQ ID NOS: 16
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 134
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
30 Glu Leu Thr Glu Ala Gln Arg Arg Gly Leu Gln Val Ala Leu Glu Glu
31 1          5          10          15
34 Phe His Lys His Pro Pro Val Gln Trp Ala Phe Gln Glu Thr Ser Val
35          20          25          30
38 Glu Ser Ala Val Asp Thr Pro Phe Pro Ala Gly Ile Phe Val Arg Leu
39          35          40          45
42 Glu Phe Lys Leu Gln Gln Thr Ser Cys Arg Lys Arg Asp Trp Lys Lys
43          50          55          60
46 Pro Glu Cys Lys Val Arg Pro Asn Gly Arg Lys Arg Lys Cys Leu Ala
47 65          70          75          80
50 Cys Ile Lys Leu Gly Ser Glu Asp Lys Val Leu Gly Arg Leu Val His
51          85          90          95
54 Cys Pro Ile Glu Thr Gln Val Leu Arg Glu Ala Glu Glu His Gln Glu
55          100         105         110
58 Thr Gln Cys Leu Arg Val Gln Arg Ala Gly Glu Asp Pro His Ser Phe
59          115         120         125
62 Tyr Phe Pro Gly Gln Phe
63          130
66 <210> SEQ ID NO: 2
67 <211> LENGTH: 1186
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence

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71 <220> FEATURE:

72 <223> OTHER INFORMATION: Description of artificial sequence: GORI-28 cDNA

74 <400> SEQUENCE: 2

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75 tgggtccctgt cttctcttgc agagaatgga ggatgaagat tacaacactt ccatcagtta      60
77 cggtgatgaa taccctgatt atttagactc cattgtgggt ttggaggact tatccccctt      120
79 ggaagccagg gtgaccagga tcttcctggg ggtgggtctac agcatcgtct gcttcctcgg      180
81 gattctggggc aatgggtctgg tgatcatcat tgccaccttc aagatgaaga agacagtga      240
83 catggtctgg ttcctcaacc tggcagtggc agatttcctg ttcaacgtct tcctcccaat      300
85 ccatatcacc tatgccgcca tggactacca ctgggttttc gggacagcca tgtgcaagat      360
87 cagcaacttc cttctcatcc acaacatgtt caccagcgtc ttctgctga ccatcatcag      420
89 ctctgaccgc tgcattctctg tgctcctccc tgtctgggtc cagaaccacc gcagcggttcg      480
91 cctggcttac atggcctgca tggatcatctg ggtcctggct ttcttcttga gttccccatc      540
93 tctcgtcttc cgggacacag ccaacctgca tgggaaaata tctgcttca acaacttcag      600
95 cctgtccaca cctgggtctt cctcgtggcc cactcactcc caaatggacc ctgtggggta      660
97 tagccggcac atgggtggta ctgtcaccgc cttcctctgt ggcttcctgg tcccagtcct      720
99 catcatcaca gcttgctacc tcaccatcgt gtgcaaactg cagcgcaacc gcctggccaa      780
101 gaccaagaag cctttcaaga ttattgtgac catcatcatt accttcttcc tctgctgggtg      840
103 cccctaccac aactcaacc tcctagagct ccaccacact gccatgcctg gctctgtctt      900
105 cagcctgggt ttgccccctg cactgccct tgccattgcc aacagctgca tgaaccccat      960
107 tctgtatgtt tcatgggtc aggacttcaa gaagtccaag gtggccctct tctctcgctt      1020
109 ggtcaatgct ctaagtgaag atacaggcca ctcttctac ccagccata gaagctttac      1080
111 caagatgtca tcaatgaatg agaggacttc tatgaatgag agggagaccg gcatgctttg      1140
113 atcctcactg tggaacccct caatggactc tctcaaccca gggaca                      1186

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116 <210> SEQ ID NO: 3

117 <211> LENGTH: 18

118 <212> TYPE: DNA

119 <213> ORGANISM: Artificial Sequence

121 <220> FEATURE:

122 <223> OTHER INFORMATION: Description of artificial sequence: Primer TIG2oli1

124 <400> SEQUENCE: 3

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125 gccagggtga cacggaag                      18

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128 <210> SEQ ID NO: 4

129 <211> LENGTH: 17

130 <212> TYPE: DNA

131 <213> ORGANISM: Artificial Sequence

133 <220> FEATURE:

134 <223> OTHER INFORMATION: Description of artificial sequence: Primer TIG2oli2

136 <400> SEQUENCE: 4

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137 gaggcaccac gcagctc                      17

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140 <210> SEQ ID NO: 5

141 <211> LENGTH: 33

142 <212> TYPE: DNA

143 <213> ORGANISM: Artificial Sequence

145 <220> FEATURE:

146 <223> OTHER INFORMATION: Description of artificial sequence: Primer COMoli1

148 <400> SEQUENCE: 5

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149 ctctcgagaa aagagagctc acggaagccc agc                      33

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152 <210> SEQ ID NO: 6

153 <211> LENGTH: 34

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154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of artificial sequence: Primer COMoli2
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164 <210> SEQ ID NO: 7
165 <211> LENGTH: 23
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of artificial sequence: Primer mDEZoli1
172 <400> SEQUENCE: 7
173 ggccatgtgc aagatcagca act 23
176 <210> SEQ ID NO: 8
177 <211> LENGTH: 23
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of artificial sequence: Primer mDEZoli2
184 <400> SEQUENCE: 8
185 agaatggggt tcatgcagct gtt 23
188 <210> SEQ ID NO: 9
189 <211> LENGTH: 21
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of artificial sequence: Primer mDEZoli3
196 <400> SEQUENCE: 9
197 tctacaacgg tggaacagtg a 21
200 <210> SEQ ID NO: 10
201 <211> LENGTH: 19
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of artificial sequence: Primer mDEZoli4
208 <400> SEQUENCE: 10
209 aagaaagcca ggaccaga 19
212 <210> SEQ ID NO: 11
213 <211> LENGTH: 22
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of artificial sequence: Primer hDEZ_a_Oli5
220 <400> SEQUENCE: 11
221 cagacaacat aacggtgaat ga 22
224 <210> SEQ ID NO: 12
225 <211> LENGTH: 19
226 <212> TYPE: DNA

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227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of artificial sequence: Primer hDEZ_a_Oli4
232 <400> SEQUENCE: 12
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236 <210> SEQ ID NO: 13
237 <211> LENGTH: 23
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of artificial sequence: Primer hDEZoli3
244 <400> SEQUENCE: 13
245 gcacagcatc acttctacca ctt 23
248 <210> SEQ ID NO: 14
249 <211> LENGTH: 22
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of artificial sequence: Primer hDEZoli2
256 <400> SEQUENCE: 14
257 ctgtagacca ccaccaggaa ga 22
260 <210> SEQ ID NO: 15
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Description of artificial sequence: Primer GORI28oli1
268 <400> SEQUENCE: 15
269 tggccctgt cttctcttgc 20
272 <210> SEQ ID NO: 16
273 <211> LENGTH: 20
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of artificial sequence: Primer GORI28oli2
280 <400> SEQUENCE: 16
281 tgtccctggg ttgagagagt 20

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VERIFICATION SUMMARY

DATE: 05/12/2005

PATENT APPLICATION: US/10/533,300

TIME: 08:22:31

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\05122005\J533300.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date